

# MARK2 Rabbit pAb

Catalog No.: A16706

## Basic Information

### Observed MW

78kDa

### Calculated MW

88kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes a member of the Par-1 family of serine/threonine protein kinases. The protein is an important regulator of cell polarity in epithelial and neuronal cells, and also controls the stability of microtubules through phosphorylation and inactivation of several microtubule-associating proteins. The protein localizes to cell membranes. Multiple transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

WB 1:500 - 1:2000

IF/ICC 1:50 - 1:100

## Immunogen Information

### Gene ID

2011

### Swiss Prot

Q7KZ17

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 350-455 of human MARK2 (Q7KZ17).

### Synonyms

EMK1; EMK-1; PAR-1; Par1b; Par-1b; MARK2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

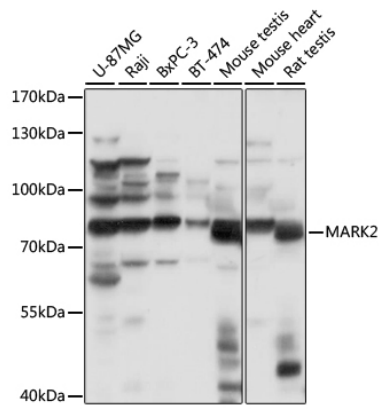
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

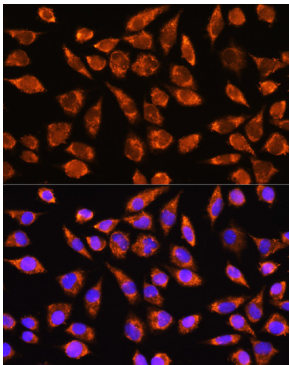
Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using MARK2 Rabbit pAb (A16706) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 1s.



Immunofluorescence analysis of L929 cells using MARK2 Rabbit pAb (A16706) at dilution of 1:100. Blue: DAPI for nuclear staining.